L&T Finance Holdings | BUY

Retail scale up continues

LTFH reported consolidated profit of INR5.95bn (+12% OoO, 47% YoY) above our estimate of INR 5.9bn. NII stood at INR17.3bn (+5% QoQ, +11% YoY,+5.5% JMFe) and PPOP at INR13.2bn (+11% YoY/QoQ, +6% JMFe). Overall loan growth remained flat sequentially as retail assets grew sharply by (+8% QoQ, +33% YoY) which was offset by (-34% QoQ, -75% YoY) de-growth in wholesale book. Retail assets now form ~88% of total loans. Mgmt. remains confident on scaling up its retail portfolio to ~90% of the overall lending book by next guarter led by continued traction in its identified segments of consumer loans (+63% YoY), rural micro/group loans (+37% YoY) and home loans (+34% YoY). Reported NIMs improved +56 bps QoQ at 8.62% as yields moved up +49bps QoQ at 15.2% and CoFs remained steady at 7.8%(+2bps OoO). Asset guality outcome was also favourable with 77bps QoQ decline in GS3 led by 311bps QoQ improvement in wholesale GS3 and 16bps OoO improvement in retail GS3. Mgmt, believes focus on analytics, cross sell to existing customer base and continued investments in its tech prowess should aid LTFH in delivering its targeted RoA of 2.8-3% on an overall level (with GS3<3%, NS3<1%). While LTFH's scale up of retail portfolio is encouraging, valuation upsides are contingent on sustainable RoE improvement and continued steady asset quality under the new leadership. We build in RoAs of 2.4% by FY25E. Maintain BUY with a TP of INR 145(1.3x FY25e P/BV).

- Continued scale up in retail loans: While overall loan assets growth remained steady (+0.2% QoQ, -13% YoY), retail assets grew sharply by (+8% QoQ, +33% YoY) which was offset by (-34% QoQ, -75% YoY) de-growth in wholesale book. Retail book presently stands at ~88% of the loan book as against ~58% in 2QFY23. The growth in retail was led by SME Finance (+36% QoQ), rural micro/group loans (+37% YoY, +10% QoQ), LAP (+14% YoY, +8% QoQ), consumer loans (+63% YoY, +8% QoQ) and home loans (+34% YoY, +8% QoQ) whereas exposure to wholesale business was brought down (-75% YoY, -34% QoQ). Mgmt. had targeted to reach ~90% of total loans retailization by FY26 which is likely to reach by next quarter itself. We have built in a total AUM growth of 19% CAGR for FY23-25E with 30%+ retail book growth.
- Margins inch up on the back of higher yields: NII stood at INR17.3bn (+5% QoQ, +11% YoY,+5.5% JMFe) as reported NIMs improved +56 bps QoQ at 8.6%. Yields moved up +49bps QoQ at 15.2% and CoFs moved up +2bps QoQ at 7.8%. Reported NIMs+Fees for retail book stood at 12.2% (+45bps QoQ). Higher opex on account of tech investments and employee costs led to a PPoP of INR 13.2bn (+11% YoY/QoQ both) and a PAT of INR 5.95bn (+12% QoQ/ +47% YoY/ +1.3% JMFe). While the slight inch up of 20-30bps in CoFs is expected, mgmt. remains focused on limiting any meaningful rise in its borrowing costs by using short term borrowings (CPs) while strong traction in its retail book would keep the yields range-bound. Opex is also likely to remain at similar levels as they continue to invest in tech while the decline in credit costs would lead to earnings CAGR of 39% for FY23-25E entailing 2.2%/2.4% ROAs for FY24E/FY25E.
- Healthy improvement in asset quality; large on-book provisions offer cushion: LTFH's GS3 assets stood at 3.27% (down 77bps QoQ) primarily led by sequential decline of 311bps in wholesale GS3 at 4.5% and 16bps decline in retail GS3 at 3.1%. The provision cover on the same stands healthy at 76% (+424bps QoQ). Credit costs (annualized) moved up

Financial Summary					(INR mn)
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Net Profit	9,709	10,701	16,233	24,620	31,573
Net Profit (YoY) (%)	-42.9%	10.2%	51.7%	51.7%	28.2%
Assets (YoY) (%)	-0.5%	-1.9%	-0.5%	14.7%	17.5%
ROA (%)	0.9%	1.0%	1.5%	2.2%	2.4%
ROE (%)	5.8%	5.5%	7.8%	10.9%	12.5%
EPS	3.9	4.3	6.5	9.9	12.7
EPS (YoY) (%)	-53.6%	10.0%	51.3%	51.7%	28.2%
P/E (x)	33.8	30.7	20.3	13.4	10.4
BV	76	81	87	96	107
BV (YoY) (%)	3.7%	6.1%	7.7%	10.3%	12.0%
P/BV (x)	1.75	1.65	1.53	1.39	1.24
Source: Company data, JM Fina	ncial. Note: Valuations	as of 23/Oct/2023			



Sameer Bhise sameer.bhise@jmfl.com | Tel: (91 22) 66303489

Akshay Jain akshay.jain@jmfl.com | Tel: (91 22) 66303099

Apurva Deshmukh apurva.deshmukh@jmfl.com | Tel: (91 22) 66303263

Mayank Mistry mayank.mistry@jmfl.com | Tel: (91 22) 62241877

Gayathri Shivaram gayathri.shivaram@jmfl.com | Tel: (91 22) 66301889 Shreyas Pimple

shreyas.pimple@jmfl.com|Tel: (91 22) 66301881

Recommendation and Price Target		
Current Reco.	BUY	
Previous Reco.	BUY	
Current Price Target (12M)	145	
Upside/(Downside)	9.4%	
Previous Price Target	145	
Change	0.0%	

Key Data – LTFH IN

Key Data – Littin	
Current Market Price	INR133
Market cap (bn)	INR329.4/US\$4.0
Free Float	26%
Shares in issue (mn)	2,479.7
Diluted share (mn)	
3-mon avg daily val (mn)	INR1,359.6/US\$16.3
52-week range	141/79
Sensex/Nifty	64,572/19,282
INR/US\$	83.2

Price Performance			
%	1M	6M	12M
Absolute	6.4	47.0	66.6
Relative*	8.8	36.7	54.3

* To the BSE Sensex

JM Financial Research is also available on: Bloomberg - JMFR <GO>, Thomson Publisher & Reuters, S&P Capital IQ, FactSet and Visible Alpha

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

L&T Finance Holdings

(+25bps QoQ) at 2.63% of total AUM. We have built in an average credit cost of ~2% over FY24-25E. We believe the current PCR on stage.3 book is more than sufficient to absorb any major shocks in case going forward while the wholesale rundown infuses further comfort to the asset quality. Thus the retail book performance will be a key monitorable going forward given the strong growth trajectory in the segment.

Return metrics on the mend; maintain BUY: We believe a) benign credit environment, b) tapping of underpenetrated customer base via cross sell products c) shift from wholesale to high return retail book d) healthy asset quality outcomes from reduction in wholesale book and e) reinforcement of new leadership would aid in improving RoAs of 2.2%/2.4% by FY24E/FY25E. Maintain BUY with a target price of INR145 (1.3x FY25e P/BV).

Earnings Table (INR mn)	2Q'23	1Q'24	2Q'24	YoY (%)	QoQ (%)
Net Interest Income	15,640	16,440	17,290	10.5%	5.2%
Non-Interest Income	3,470	3,230	4,460	28.5%	38.1%
Total Income	19,110	19,670	21,750	13.8%	10.6%
Employees Cost	3,421	4,064	4,486	31.1%	10.4%
Other Operating Expenses	3,809	3,717	4,114	8.0%	10.7%
Total Operating Expenses	7,230	7,780	8,600	18.9%	10.5%
Operating Profit (PPP)	11,880	11,890	13,150	10.7%	10.5%
Total Provisions	5,750	4,750	5,170	-10.1%	8.8%
PBT	6,130	4,730 7,140	7,980	30.2%	11.8%
Тах	2,070	1,830	2,030	-1.9%	10.9%
PAT (Pre-Extraordinaries)	2,070 4,060	5,310	2,030 5,950	46.6%	12.1%
FAT (FIE-EXtraordinalies)	4,000	5,510	5,950	40.0%	12.170
Balance Sheet Data (INR bn)					
Total loans	901.0	785.7	787.3	-12.6%	0.2%
Disbursements	110.5	123.7	137.0	24.0%	10.8%
		12017	107.0	2	1010/0
Ratios Analysis (%)					
Cost to Income (%)	37.8%	39.6%	39.5%	1.71%	-0.01%
Effective Tax Rate (%)	33.8%	25.6%	25.4%	-8.33%	-0.19%
Credit Quality					
Gross Stage 3	35,910	31,720	25,750	-28.3%	-18.8%
Net Stage 3	16,150	9,070	6,270	-61.2%	-30.9%
Gross Stage 3 (%)	4.02%	4.04%	3.27%	-0.75%	-0.77%
Net Stage 3 (%)	1.85%	1.19%	0.82%	-1.03%	-0.37%
Coverage Ratio (Stage 3) (%)	55.0%	71.4%	75.7%	20.6%	4.2%

LTFH – 2QFY24 Performance Update

Quarterly trends

Exhibit 2. Gross loans driven by retail segment Gross loans (INR bn) YoY change (RHS) 950 10% 901 883 881 5% 884 900 869 856 0% 850 809 -5% 787 786 800 -10% 750 -15% 700 -20% 1Q22 2Q22 3Q22 4Q22 1Q23 2Q23 3Q23 4Q23 1Q24 2Q24

Source: Company, JM Financial

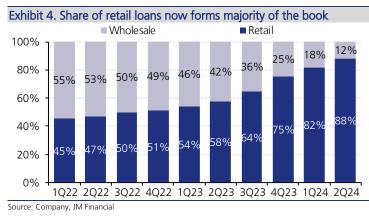


Exhibit 6. Trend in cost of funds Cost of funds 9% 8% 7.6% 7.5% 7.5% 7.3% 7.3% 7.3% 7.5% 7.7% 7.8% 7.8% 7% 6% 5% 4% 1Q22 2Q22 3Q22 4Q22 1Q23 2Q23 3Q23 4Q23 1Q24 2Q24

Source: Company, JM Financial

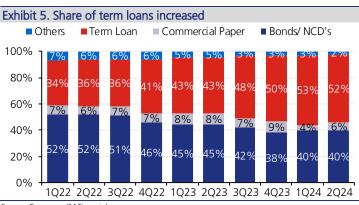


Source: Company, JM Financial

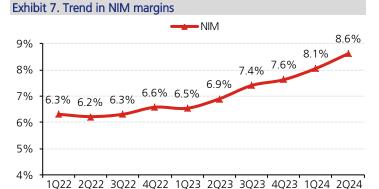


^{*} 1Q22 2Q22 3Q22 4Q22 1Q23 2Q23 3Q23 4Q23 1Q24 2Q24

Source: Company, JM Financial



Source: Company, JM Financial



Source: Company, JM Financial

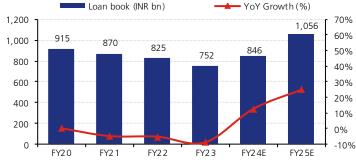
Exhibit 9. Improving return ratios



Source: Company, JM Financial

LTFH – Annual trends

Exhibit 11. LTFH: Trend in AUM (INR bn)

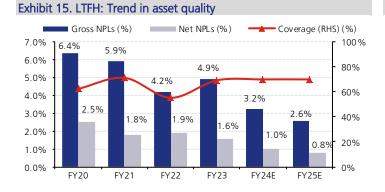


Source: Company, JM Financial

Exhibit 13. LTFH: Trends in NII



Source: Company, JM Financial

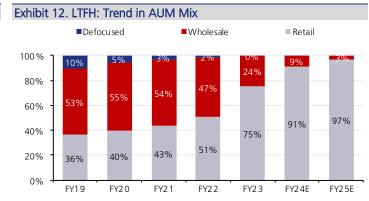


Source: Company, JM Financial

Exhibit 17. Trend in earning growth



Source: Company, JM Financial



Source: Company, JM Financial

Exhibit 14. LTFH: Trends in margins

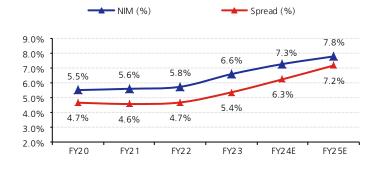


Exhibit 16. LTFH: Trend in credit costs Credit Cost (%) 2.40% 2.40% 2.10% 1.85% 1.80% 0.80%

FY22

FY24E

FY23

FY25E

Source: Company, JM Financial

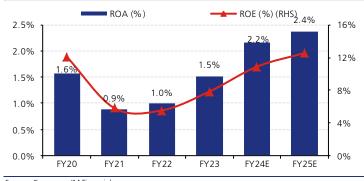
FY20

0.00%

Source: Company, JM Financial

Exhibit 18. Trend in return ratios

FY21



Source: Company, JM Financial

Financial Tables (Consolidated)

Income Statement				((INR mn)
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Net Interest Income (NII)	58,922	59,504	67,679	76,133	90,100
Non Interest Income	2,281	-4,697	1,161	8,261	9,913
Total Income	61,203	54,807	68,839	84,393	1,00,013
Operating Expenses	18,693	22,636	28,334	33,884	39,148
Pre-provisioning Profits	42,510	32,170	40,505	50,509	60,865
Loan-Loss Provisions	28,432	20,997	15,595	14,095	15,156
Others Provisions	3,721	-1,056	3,604	3,500	3,500
Total Provisions	32,153	19,942	19,199	17,595	18,656
PBT	10,357	12,229	21,307	32,914	42,209
Tax	5,231	3,736	6,463	8,294	10,637
PAT (Pre-Extra ordinaries)	5,126	8,492	14,843	24,620	31,573
Extra ordinaries (Net of Tax)	4,583	2,209	1,389	0	0
Reported Profits	9,709	10,701	16,233	24,620	31,573
Dividend	0	1,237	4,959	2,462	3,157
Retained Profits	9,709	9,464	11,273	22,158	28,415

Source: Company, JM Financial

Balance Sheet					(INR mn)
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Equity Capital	24,695	24,740	24,797	24,797	24,797
Reserves & Surplus	1,63,038	1,74,737	1,90,487	2,12,645	2,41,060
Stock option outstanding	0	0	0	0	0
Borrowed Funds	8,85,558	8,52,012	8,30,435	9,63,304	11,46,332
Deferred tax liabilities	249	218	233	0	0
Preference Shares	0	0	0	0	0
Current Liabilities & Provisions	16,178	17,314	17,670	19,347	21,193
Total Liabilities	10,89,717	10,69,022	10,63,621	12,20,093	14,33,381
Net Advances	8,70,303	8,24,694	7,51,546	8,45,772	10,55,805
Investments	88,721	1,19,169	1,43,662	1,22,113	1,09,901
Cash & Bank Balances	84,270	79,704	1,27,489	95,617	76,493
Loans and Advances	1,134	637	1,312	1,378	1,447
Other Current Assets	17,044	18,239	10,721	1,26,205	1,60,605
Fixed Assets	4,126	4,012	2,324	2,441	2,563
Miscellaneous Expenditure	7,767	8,120	7,927	7,927	7,927
Deferred Tax Assets	16,353	14,446	18,641	18,641	18,641
Total Assets	10,89,717	10,69,022	10,63,621	12,20,093	14,33,381

Source: Company, JM Financial

Dupont Analysis

Key Ratios					
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Growth (YoY) (%)					
Borrowed funds	-5.7%	-3.8%	-2.5%	16.0%	19.0%
Advances	-4.8%	-5.2%	-8.9%	12.5%	24.8%
Total Assets	-0.5%	-1.9%	-0.5%	14.7%	17.5%
NII	2.8%	1.0%	13.7%	12.5%	18.3%
Non-interest Income	-80.9%	-306.0%	-124.7%	611.8%	20.0%
Operating Expenses	-5.5%	21.1%	25.2%	19.6%	15.5%
Operating Profits	-14.1%	-24.3%	25.9%	24.7%	20.5%
Core Operating profit	-11.6%	-10.5%	25.6%	22.6%	18.5%
Provisions	41.7%	-38.0%	-3.7%	-8.4%	6.0%
Reported PAT	-42.9%	10.2%	51.7%	51.7%	28.2%
Yields / Margins (%)					
Interest Spread	4.59%	4.69%	5.38%	6.26%	7.19%
NIM	5.62%	5.75%	6.61%	7.29%	7.81%
Profitability (%)					
ROA	0.89%	0.99%	1.52%	2.16%	2.38%
ROE	5.8%	5.5%	7.8%	10.9%	12.5%
Cost to Income	30.5%	41.3%	41.2%	40.2%	39.1%
Asset quality (%)					
Gross NPA	5.90%	4.21%	4.92%	3.23%	2.57%
LLP	2.94%	1.85%	1.80%	1.54%	1.41%
Capital Adequacy (%)					
Tier I	18.79%	19.70%	22.10%	20.93%	19.80%
CAR	23.80%	22.90%	24.52%	23.14%	21.78%
Source: Company, JM Fin	ancial				

.39% .21% .60% .71% .89%	5.51% -0.44% 5.08% 2.10% 2.98%	6.35% 0.11% 6.46% 2.66%	6.67% 0.72% 7.39% 2.97%	6.79% 0.75% 7.54% 2.95%
.60% .71%	5.08% 2.10%	6.46% 2.66%	7.39%	7.54%
.71%	2.10%	2.66%		
			2.97%	2.95%
89%	2 0 0 0/			
	2.9070	3.80%	4.42%	4.59%
.94%	1.85%	1.80%	1.54%	1.41%
.95%	1.13%	2.00%	2.88%	3.18%
0.5%	30.6%	30.3%	25.2%	25.2%
.89%	0.99%	1.52%	2.16%	2.38%
5.8	5.4	4.9	5.1	5.4
5.8%	5.5%	7.8%	10.9%	12.5%
	.94% .95% 0.5% .89% 5.8 5.8%	.95% 1.13% 0.5% 30.6% .89% 0.99% 5.8 5.4	.95% 1.13% 2.00% 0.5% 30.6% 30.3% .89% 0.99% 1.52% 5.8 5.4 4.9	.95% 1.13% 2.00% 2.88% 0.5% 30.6% 30.3% 25.2% .89% 0.99% 1.52% 2.16% 5.8 5.4 4.9 5.1

Valuations					
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Shares in Issue	2,469.5	2,474.0	2,479.7	2,479.7	2,479.7
EPS (INR)	3.9	4.3	6.5	9.9	12.7
EPS (YoY) (%)	-53.6%	10.0%	51.3%	51.7%	28.2%
P/E (x)	33.8	30.7	20.3	13.4	10.4
BV (INR)	76	81	87	96	107
BV (YoY) (%)	3.7%	6.1%	7.7%	10.3%	12.0%
P/BV (x)	1.75	1.65	1.53	1.39	1.24
DPS (INR)	0.0	0.5	2.0	1.0	1.3
Div. yield (%)	0.0%	0.4%	1.5%	0.7%	1.0%

Source: Company, JM Financial

L&T Finance Holdings

History of Recommendation and Target Price						
Date	Recommendation	Target Price	% Chg.			
20-Jan-20	Buy	140				
20-Jul-20	Buy	72	-48.6			
24-Oct-20	Buy	74	2.8			
18-Jan-21	Buy	110	48.6			
2-May-21	Buy	105	-4.5			
19-Jul-21	Buy	105	0.0			
22-Oct-21	Buy	105	0.0			
24-Jan-22	Buy	90	-14.3			
4-May-22	Buy	90	0.0			
20-Jul-22	Buy	90	0.0			
24-Oct-22	Buy	90	0.0			
17-Jan-23	Buy	115	27.8			
2-May-23	Buy	125	8.7			
20-Jul-23	Buy	145	16.0			



JM Financial Institutional Securities Limited

APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: sahil.salastekar@jmfl.com

Grievance officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: instcompliance@jmfl.com

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Definition of	Definition of ratings		
Rating Meaning			
Buy	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.		
Hold	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.		
Sell	Price expected to move downwards by more than 10% from the current market price over the next twelve months.		

* REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report. While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

This report is not directed or intended for distribution to, or use by any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., <u>JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 28th Floor, Office No. 2821, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.</u>

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the information contained herein.